

#3

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Submitted to the PTO: February 17, 2000			ATTY DOCKET NO. 1263.0894		APPLICATION NO. 09/471,363		
			APPLICANTS GRAHAM J. DUNNETT, ET AL.				
			FILING DATE December 23, 1999		GROUP Unassigned		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C		5,253,339	10/1993	Wells, et al.	395	126	
a		5,602,979	02/1997	Loop	395	123	
C		5,666,472	09/1997	Huddy	345	119	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
C		0 366 463	05/1990	Europe			
C		0 596 667	05/1994	Europe			
C		0 590 995	04/1994	Europe			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
C		J.D. Foley, et al., Computer Graphics Principles and Practice, Second Edition, pp. 511-528 and 721-741 (1993).					
		D.E. Breen, "Creation and Smooth-Shading of Steiner Patch Tessellations", Proceedings Fall Joint Computer Conference, pp. 931-940 (1986).					
		D.F. Rogers, Procedural Elements for Computer Graphics, McGraw-Hill, pp. 317-319 (1988).					
		J. Arvo, "Stratified Sampling of Spherical Triangles", Computer Graphics Proceedings, Annual Conference Series, pp. 437 & 438, (1995).					
		J.D. Foley, et al., Computer Graphics Principles and Practice, Second Edition, pp. 488-490 and 514 (1993).					
		A.A.M. Kuijk, et al., "Faster Phong Shading Via Angular Interpolation", Computer Graphics Forum, No. 8, pp. 315-324 (1989).					
		M. Shantz, et al., "Shading Bicubic Patches", Computer Graphics, Vol. 21, No. 4, pp. 189-196 (July 1987).					
		C. Bajaj, et al., "Smoothing Polyhedra Using Implicit Algebraic Splines", Computer Graphics, Vol. 26, No. 2, pp. 79-88 (July 1992).					
C		G. Farin, "Triangular Bernstein-Bézier pa", Computer Aided Geometric Design, No. 3, pp. 83-127 (1986).					
EXAMINER				DATE CONSIDERED			
C. E. Farin				7/12/03			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
1263.0894APPLICATION NO.
09/471,363

APPLICANTS

GRAHAM J. DUNNETT, ET AL.

FILING DATE

December 23, 1999

GROUP

2772

Submitted to the PTO: June 5, 2000

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	RECEIVED SUBCLASS	FILING DATE IF APPROPRIATE
					JUN 6 2000	
					GROUP 2700	



FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
W	0 996 094	04/2000	Europe			
W	0 806 744	11/1997	Europe			
W	WO 99/53445	10/1999	PCT			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Cebfn 10

DATE CONSIDERED

7/02/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
01263.000894APPLICATION NO.
09/471,363LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)APPLICANTS
GRAHAM J. DUNNETT, ET AL.FILING DATE
December 23, 1999GROUP
2772

U.S. PATENT DOCUMENTS

*EXAMINER
INITIALSDOCUMENT
NUMBER

DATE

NAME

CLASS

SUBCLASS

FILING DATE
IF APPROPRIATE

RECEIVED

APR 05 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

DOCUMENT
NUMBER

DATE

COUNTRY

CLASS

SUBCLASS

TRANSLATION
YES/NO/
OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

C **M.J. Castro Diaz, "Mesh Refinement Over Triangulated Surfaces", Inria Research Report, pp. 1-40 (October 1994).**

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
01263.000894APPLICATION NO.
09/471,363LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)APPLICANTS
GRAHAM J. DUNNETT, ET AL.FILING DATE
December 23, 1999GROUP
2772

Submitted to the PTO: August 20, 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

RECEIVED
AUG 22 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>W</i>	Xia, Julie C., et al. "Adaptive Real-Time Level-of-Detail-Based Rendering for Polygonal Models", IEEE Transactions on Visualization and Computer Graphics, IEEE Service Center, Vol. 3, No. 2, pp. 171-183 (April 1, 1997).
<i>W</i>	Barequet, Gill, et al., "RSVP: A Geometric Toolkit for Controlled Repair of Solid Models", IEEE Transactions on Visualization and Computer Graphics, IEEE Service Center, Vol. 4, No. 2, pp. 162-177 (April 1, 1998).

EXAMINER

Cliffn 16

DATE CONSIDERED

7/2/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CRMP-PTG-1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 01263.000894.		APPLICATION NO. 09/471,363	
			APPLICANT GRAHAM J. DUNNETT ET AL.			
			FILING DATE December 23, 1999		GROUP 2671	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
a	5,563,989	10/8/96	Billyard	395	126	9/30/93	
c	5,777,620	7/7/98	Billyard	345	426	7/23/96	
c	5,757,321	5/26/98	Billyard	345	434	8/28/96	
c	5,579,454	11/26/96	Billyard et al.	395	121	9/1/92	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
c	R. L. Cook, "Shade Trees", Computer Graphics, Vol. 18, No. 3, pp. 223-231, (July 1984).
	A.V. Gelder et al., "Direct Volume Rendering with Shading Via Three-Dimensional Textures", Proceedings of the 1996 Symposium on Volume Visualization, pp. 23-30, (October 1996).
	Pharr et al., "Geometry Caching for Ray-Tracing Displacement Maps", Proceedings of the Seventh Eurographics Workshop on Rendering, pp. 31-40 and 280-294, (June 1996).
	Becker et al., "Smooth Transitions Between Bump Rendering Algorithms", Computer Graphics Proceedings, Annual Conference Series, pp. 183-189, (1993).
	Cook et al., "The Reyes Image Rendering Architecture", Computer Graphics, Vol. 21, No. 4, pp. 95-102, (July 1987).
	J. Foley et al., "Illumination and Shading", Computer Graphics, Second Edition, Principles and Practice, pp. 806-812.
a	J. Foley et al., Computer Graphics Principles and Practice, Second Edition, pp. 664-680.

EXAMINER <i>Cliff W</i>	DATE CONSIDERED <i>7/12/03</i>
-------------------------	--------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1